

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"10553981"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/05 20:53
S1	555	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$ forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:25
S2	7	b65h.ipc. g03g015.ipc. g03g021.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:31
S3	7	b65h.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:31
S4	8	b65h.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/12/18 12:31
S5	7	b65h.ipc. g03g015.ipc. g03g021.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:32
S6	0	g03g015.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:33
S7	28446	g03g015/\$. g03g "15"/\$.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:33
S8	0	g03g015/\$.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:33
S9	28446	g03g "15"/\$.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:34
S10	28446	g03g "15"/\$. g03g "21"/\$.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:35
S11	28445	g03g "21"/\$.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:35
S12	28445	g03g "15"/\$. and g03g "21"/\$.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:36
S13	3	S1 and S12	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:36
S14	0	S1 and S2	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:40
S15	594490	b65h\$.ipc. or g03g015/\$. ipc. or g03g021/\$.ipc. or b41j\$.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:45

S16	323	S15 and S1	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 12:46
S17	24541	push near2 out	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 13:57
S18	1649	S17 and S15	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 13:58
S19	421	(push near2 out) with tray	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 13:58
S20	687	(push near2 out) same tray	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 13:59
S21	149	S20 and S15	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 13:59
S22	5952	paper near4 feed near2 cassette	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:10
S23	4690	S22 and S15	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:10
S24	0	S19 same S22	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:11
S25	0	S19 with S22	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:11
S26	0	S22 same S19	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:11
S28	0	(push near2 out) with tray same (paper near4 feed near2 cassette)	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:12
S29	7	(push near2 out) same (paper near4 feed near2 cassette)	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:12
S30	13	(push near4 out) same (paper near4 feed near2 cassette)	US-PGPUB; USPAT; JPO	OR	ON	2007/12/18 15:35
S31	1	("5419544").PN.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/12/18 16:15
S32	0	("JP2002362763").PN.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/12/18 16:20
S33	1	("2002362763").PN.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/12/18 16:20
S34	0	(09/012164) APP.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2007/12/18 16:22
S35	1	(paper near4 feed near2 cassette) with (optical near3 sensor) same height	US-PGPUB; USPAT; JPO	OR	ON	2007/12/19 15:47
S36	1	(paper near4 feed near2 cassette) same (optical near3 sensor) same height	US-PGPUB; USPAT; JPO	OR	ON	2007/12/19 15:47

S37	3033	(optical near3 sensor) same height	US-PGPUB; USPAT; JPO	OR	ON	2007/12/19 15:47
S38	555	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$ forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	US-PGPUB; USPAT; JPO	OR	ON	2007/12/19 15:48
S39	13	S37 and S38	US-PGPUB; USPAT; JPO	OR	ON	2007/12/19 15:48
S40	594490	b65h\$.ipc. or g03g015/\$.ipc. or g03g021/\$.ipc. or b41j\$.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2007/12/19 15:48
S41	286	S37 and S40	US-PGPUB; USPAT; JPO	OR	ON	2007/12/19 15:48
S42	0	("2006/0228122").URPN.	USPAT	OR	ON	2007/12/20 13:11
S43	0	("2006/0228122").URPN.	USPAT	OR	ON	2007/12/20 13:11
S44	2	"20060228122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/22 15:07
S45	85	(prevent\$3 inhibit\$3) near2 (print\$3 record\$3 form\$3 near1 image) near2 (insufficient low residual remain\$3 amount enough) near1 (paper sheet copy substrate receiver media)	US-PGPUB; USPAT; JPO	OR	ON	2008/07/23 10:03
S46	9153	b41j.ipc. b65h.ipc. g03g15/00.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2008/07/23 10:04
S47	2	S45 and S46	US-PGPUB; USPAT; JPO	OR	ON	2008/07/23 10:05
S48	2	"05212932"	US-PGPUB; USPAT; JPO	OR	ON	2008/07/23 11:35
S49	2	"2000335784"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/29 19:30
S50	165	(host terminal desktop) near4 (error fault warning message signal) with (image near1 forming near1 device or remote near1 printer or copier or photocopying adj device)	US-PGPUB; USPAT; JPO	OR	ON	2008/08/01 18:49

S51	613153	b65h\$.ipc. or g03g015/\$.ipc. or g03g021/\$.ipc. or b41j\$.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2008/08/01 18:53
S52	84	S50 and S51	US-PGPUB; USPAT; JPO	OR	ON	2008/08/01 18:53
S53	2	"2000247495"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/02 16:09
S54	1	"57160844"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/02 16:15
S55	2	"20060228122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/02 16:33
S56	11571	(Audio auditory) near2 (warn\$3 alarm\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/02 17:46
S57	613153	b65h\$.ipc. or g03g015/\$.ipc. or g03g021/\$.ipc. or b41j\$.ipc.	US-PGPUB; USPAT; JPO	OR	ON	2008/08/02 17:47
S58	66	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/02 17:47
S59	2	"20060204298"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:50
S60	2	"11231730"	US-PGPUB; USPAT; JPO	OR	ON	2009/03/16 08:01
S61	279	(host terminal desktop) near4 (error fault warning message signal) with (image near1 forming near1 device or remote near1 printer or copier or photocopying adj device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:18
S62	6	"6876819"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 17:22
S63	3	"05286592"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/13 17:25

S64	5	"2004001972"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/14 10:04
S65	2	"20030098984"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/14 10:36
S66	3	"05286592"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/18 13:20
S67	2	"11231730"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/18 13:51
S68	5	"6876819"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/18 13:55
S69	1	"10553981"	US-PGPUB; USPAT; JPO	OR	ON	2009/09/18 13:58
S70	2	"2000335784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/22 15:01
S71	2	"2000335784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/23 13:03
S72	3	"20040251609"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/23 14:00
S73	6	"10077149"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/23 14:01
S74	3	"2000313533"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/23 16:10
S75	1	"10553981"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:04
S76	156	399/23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:04
S77	16640	kamei.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:04
S78	1	S76 and S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:04

S79	104953	"399".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:05
S80	110	S77 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:05
S81	733	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$ forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	US-PGPUB; USPAT; JPO	OR	ON	2009/09/24 11:05
S82	1	S80 and S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/24 11:05
S83	3	"05286592"	US-PGPUB; USPAT; JPO	OR	ON	2010/05/18 15:38
S84	813	(first near3 (Printer IFA image adj forming adj apparatus)) near5 (print\$3 near3 job)	US-PGPUB; USPAT; JPO	OR	ON	2010/05/20 10:14
S85	449	(second near3 (Printer IFA image adj forming adj apparatus)) near5 (print\$3 near3 job)	US-PGPUB; USPAT; JPO	OR	ON	2010/05/20 10:15
S86	51	(second near3 (Printer IFA image adj forming adj apparatus)) near5 (print\$3 near3 job) with network	US-PGPUB; USPAT; JPO	OR	ON	2010/05/20 10:15
S87	3	"2000313533"	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 11:29
S88	3	"05286592"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/21 11:48
S89	781	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$ forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 12:14

S90	807	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$3 forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 12:16
S91	440030	b65h\$.ipc. g03g015/\$.ipc. g03g021/\$.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 12:17
S92	107727	"399".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 12:17
S93	58028	"271".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 12:18
S94	18	S90 and S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 12:19
S95	24	S90 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/21 12:19
S96	1	("2006/0228122").URPN.	USPAT	OR	OFF	2010/05/21 12:20
S97	3347	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (prevent\$3 forbid) near3 (print\$3 image adj (form\$3))	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 13:40
S98	0	"399".cls.	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 13:41
S99	104516	"399".clas.	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 13:41
S100	500	S97 and S99	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 13:41

S101	46	(prevent\$3 forbid) near3 (print\$3 image adj (form \$3)) near5 (insufficient fewer little less) near2 (sheet paper copy media medum substrate) and (prevent\$3 forbid) near3 (print\$3 image adj (form \$3))	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 13:43
S102	46	(prevent\$3 forbid) near3 (print\$3 image adj (form \$3)) near5 (insufficient fewer little less) near2 (sheet paper copy media medum substrate)	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 13:43
S103	46	(prevent\$3 forbid) near3 (print\$3 image adj (form \$5)) near5 (insufficient fewer little less) near2 (sheet paper copy media medum substrate)	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 14:09
S104	183	(host terminal desktop) near4 (error fault warning message signal) with (image near1 forming near1 device or remote near1 printer or copier or photocopying adj device)	US-PGPUB; USPAT; JPO	OR	ON	2010/05/21 14:13
S105	3	"7002702"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 15:40
S106	2	"2000335784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/25 12:31
S107	3	"20023014"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/25 12:32
S108	4	"200203014"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/25 12:33
S109	0	"20000335784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/25 13:14
S110	3430	b65h001/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/25 13:21



S111	675066	(current resistance voltage) with (quantity amount)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/05/25 13:22
S112	54	S110 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/05/25 13:22
S113	813	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$3 forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/20 17:42
S114	830	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 ((push\$3 forc\$3) near1 (out)) disengage) near2 (cartridge cassette magazine hopper supply)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/20 18:07
S115	1466	(disengage) with tray	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:13
S116	66561	g03g "15"/\$.	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:13
S117	7	S114 and S116	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:13
S118	1	(disengage) with (residue near3 amount)	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:16
S119	2128	(disengage) with (eject\$3 (push\$3 forc\$3) near1 (out))	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:17
S120	5	S116 and S119	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:17
S121	29197	(eject\$3 (push\$ forc\$3) near1 (out) disengage) near2 (cartridge cassette magazine hopper supply tray)	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:32
S122	104876	"399".clas.	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:34
S123	3213	S121 and S122	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:34
S124	46846	residual near2 amount	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:35
S125	82	S123 and S124	US-PGPUB; USPAT; JPO	OR	ON	2010/06/20 19:35

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	414	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$ forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	USPAT; UPAD	OR	ON	2010/10/05 20:52
L3	120	399/23.ccls.	USPAT; UPAD	OR	ON	2010/10/05 20:54
L4	901	Kamei.in.	USPAT; UPAD	OR	ON	2010/10/05 20:54
L5	0	1 and 4	USPAT; UPAD	OR	ON	2010/10/05 20:54
L6	270	399/21.ccls.	USPAT; UPAD	OR	ON	2010/10/05 21:06
L7	1438	(disengage) with (eject\$3 (push\$3 forc\$3) near1 (out))	USPAT; UPAD	OR	ON	2010/10/05 21:07
L8	0	1 and 4	USPAT; UPAD	OR	ON	2010/10/05 21:07
L9	1	4 and 7	USPAT; UPAD	OR	ON	2010/10/05 21:07
L10	18	(prevent\$3 forbid) near3 (print\$3 image adj (form \$3)) near5 (insufficient fewer little less) near2 (sheet paper copy media medium substrate)	USPAT; UPAD	OR	ON	2010/10/05 21:08
L11	414	(enough insufficient fewer little less) near2 (sheet paper copy media medium substrate) and (eject\$3 (push\$3 forc\$3) near1 (out)) near2 (cartridge cassette magazine hopper supply)	USPAT; UPAD	OR	ON	2010/10/05 21:11
L12	18	(prevent\$3 forbid) near3 (print\$3 image adj (form \$5)) near5 (insufficient fewer little less) near2 (sheet paper copy media medium substrate)	USPAT; UPAD	OR	ON	2010/10/05 21:12
L13	88	(host terminal desktop) near4 (error fault warning message signal) with (image near1 forming near1 device or remote near1 printer or copier or photocopying adj device)	USPAT; UPAD	OR	ON	2010/10/05 21:14

10/ 5/ 2010 9:45:48 PM

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